

**WHAT IS CLAIMED IS:**

1           1.    A system for enabling performance of electronic  
2 commerce transactions, comprising:

3                   a central controller for integrating a plurality of  
4 legacy systems together to enable an exchange of data relating  
5 to an electronic commerce transaction; and

6                   a plurality of APIs associated with the central  
7 controller for enabling communications between the central  
8 controller using a first protocol and the plurality of legacy  
9 systems using at least one different protocol.

1           2.    The system of Claim 1, wherein the central  
2 controller further comprises:

3                   an application server for implementing logic for  
4 performing the electronic commerce transaction between the  
5 controller and the plurality of legacy systems; and

6                   a database for storing data relating to the  
7 electronic commerce transaction.

1        3.    The system of Claim 1, further including an API  
2    controller for controlling conversions between the first  
3    protocol of the central controller and the at least one  
4    different protocol of the plurality of legacy systems.

1        4.    The system of Claim 1, wherein the plurality of APIs  
2    further comprises:

3            a first layer for supporting the first communication  
4    protocol used by the central controller; and

5            a    second    layer    for    supporting    a    second  
6    communications protocol used by a legacy system.

1        5.    The system of Claim 4, wherein the first layer  
2    supports CORBA and EJB interfaces.

1        6.    The system of Claim 4, wherein the first layer  
2    supports RMI interfaces.

1        7.    The system of Claim 1, wherein the first layer  
2    supports MQ interfaces.

1           8.    The system of Claim 1, wherein the plurality of  
2    legacy systems comprise at least one of business systems,  
3    presentation systems, identification systems and transaction  
4    systems.

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1           9.    A system for enabling performance of electronic  
2 commerce transactions, comprising:

3                   a central controller for integrating at least one of  
4 business systems, transaction systems, identification systems  
5 and presentation systems together with the central controller  
6 to enable the exchange of data relating to an electronic  
7 commerce action therebetween; and

8                   at least one API associated with the central controller  
9 for enabling communication between the central controller  
10 using a first protocol and the at least one of the business  
11 systems, transaction systems, identification systems and  
12 presentation systems using at least one second protocol, the  
13 API further comprising:

14                   a first layer for supporting the first communication  
15 protocol used by the central controller; and

16                   a second layer for supporting a second  
17 communications protocol used by the at least one business  
18 systems, transaction systems, identification systems and  
19 presentation systems.

1        10. The system of Claim 9, wherein the central  
2 controller further comprises;

3            an application server for implementing logic for  
4 performing the electronic commerce transaction between the  
5 controller and the at least one business systems, transaction  
6 systems, identification systems; and

7            a database for storing data relating to the  
8 electronic commerce transaction.

1        11. The system of Claim 9, further including an API  
2 controller for controlling conversions between the first  
3 communications protocol of the central controller and the  
4 second communications protocol of the at least one business  
5 systems, transaction systems, identification systems and  
6 presentation systems.

1        12. The system of Claim 9, further including a plurality  
2 of objects containing data necessary for performing an  
3 electronic commerce transaction by the central controller.

1           13. The system of Claim 9, further including a plurality  
2 of applications defining logic for implementing the electronic  
3 commerce transaction between the central controller the at  
4 least one of business systems, transaction systems,  
5 identification systems and presentation systems.

1           14. The system of Claim 9, wherein the first layer  
2 supports CORBA and EJB interfaces.

1           15. The system of Claim 9, wherein the first layer  
2 supports RMI interfaces.

1           16. The system of Claim 9, wherein the first layer  
2 supports MQ interfaces.

1        17. A system for enabling integration of electronic  
2 commerce transactions between transaction legacy systems,  
3 business legacy systems, identification legacy systems, and  
4 presentation legacy systems, comprising:

5            a central controller for integrating transaction  
6 legacy systems, business legacy systems, identification legacy  
7 systems and presentation legacy systems together with the  
8 central controller to enable the exchange of data relative to  
9 an electronic commerce transaction therebetween;

10           a first API interface associated with the central  
11 controller for enabling communication between the central  
12 controller using a first protocol and the transaction legacy  
13 systems using at least one transaction legacy system protocol,  
14 the first API further comprising:

15            a first layer for supporting the first  
16 communications protocol used by the central controller;  
17 and

18            a second layer for supporting the at least one  
19 transaction system protocol used by the transaction  
20 legacy systems;

21           a second API interface associated with the central  
22 controller for enabling communication between the central  
23 controller using the first protocol and the business legacy  
24 systems using at least one business legacy system protocol,  
25 the second API further comprising:

26           a first layer for supporting the first  
27 communications protocol used by the central controller;  
28 and

29           a second layer for supporting the at least one  
30 business legacy system protocol used by the business  
31 legacy systems;

32           a third API interface associated with the central  
33 controller for enabling communication between the central  
34 controller using the first protocol and the identification  
35 legacy systems using at least one identification legacy system  
36 protocol, the third API further comprising:

37           a first layer for supporting the first  
38 communications protocol used by the central controller;  
39 and

40           a second layer for supporting the at least one  
41 identification legacy system protocol used by the  
42 identification legacy systems;



43           a fourth API interface associated with the central  
44 controller for enabling communication between the central  
45 controller using the first protocol and the presentation  
46 legacy systems using at least one presentation legacy system  
47 protocol, the fourth API further comprising:

48           a first layer for supporting the first  
49 communications protocol used by the central controller;  
50 and

51           a second layer for supporting the at least one  
52 presentation legacy system protocol used by the  
53 presentation legacy systems.

1       18. The system of Claim 17, further including an API  
2 controller for controlling conversions between the first  
3 communications protocol of the central controller and a second  
4 communications protocol of each of the business legacy  
5 systems, transaction legacy systems, identification legacy  
6 systems and presentation legacy systems.

1        19. The system of Claim 17, wherein the second layer of  
2 each of the first, second, third and fourth application  
3 program interfaces include CORBA and EJB adaptors enabling  
4 communication with EJB interfaces and CORBA IDL interfaces.

1        20. The system of Claim 17, wherein the second layer of  
2 each of the first, second, third and fourth application  
3 program interfaces include legacy system adaptors for enabling  
4 communication with an associated legacy system protocol.